



18379 U.S. PTO  
0222004

# FISH & RICHARDSON P.C.

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February 20, 2004

Attorney Docket No.: 12671-029001

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22858 U.S. PTO  
10/783600  
0222004



**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Presented for filing is a new patent application claiming priority from a provisional patent application of:

FR

BOSTON

DALLAS

DELAWARE

NEW YORK

SAN DIEGO

SILICON VALLEY

TWIN CITIES

WASHINGTON, DC

Applicant: JAE C. SCHWARTZ

Title: MEASURING ION NUMBER AND DETECTOR GAIN

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	22
Claims	8
Abstract	1
Declaration	2
Drawing(s)	5

Enclosures:

- Application cover sheet
- Assignment cover sheet and an assignment, 3 pages, and a separate \$40 fee.
- Preliminary amendment, 11 pages.
- Postcard.

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/476,842, filed June 5, 2003.

Basic filing fee	\$770
Total claims in excess of 20 times \$18	\$504
Independent claims in excess of 3 times \$86	\$0
Fee for multiple dependent claims	\$290
Total filing fee:	\$1564

CERTIFICATE OF MAILING BY EXPRESS MAIL

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Date of Deposit

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A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (650) 839-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

26181  
PTO Customer Number

Respectfully submitted,



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Enclosures  
DJG/lxc  
50200579.doc